

Lenovo AIO B50-30 Platform Specifications

Product Specifications Reference (PSREF)

Processor	Intel® Pentium® Processor or 4th Generation Intel® Core™ i3 / i5 / i7 Processors						Dimensions Weight (net) Case color Stand VESA mount	WxDxH with stand: 22.87" X 8.07" X 18.5"; 581mm X 204.9mm X 470mm Non-touch model: 18.96 lb (8.6 kg); Touch model: 19.82 lb (8.99 kg) Black and silver Adjustable monitor stand, from -5° forward to 45° back None	
	Processor	Cores / Threads	Frequency (Base/Max)	Cache	Memory Types	Integrated Graphics			
	Pentium G3240	2 / 2	3.1 GHz	3 MB	DDR3-1333	Intel HD Graphics			
	Pentium G3250	2 / 2	3.2 GHz	3 MB	DDR3-1333				
	Core i3-4150	2 / 4	3.5 GHz	3 MB	DDR3-1600	Intel HD Graphics 4400	Multicard reader Ports	6-in-1 reader (SD, SDHC, SDXC, MMC, MS, MS-Pro) Rear: USB 2.0 x 3, USB 2.0 x 2, Ethernet (RJ-45), HDMI-out, HDMI-in (optional), TV-in (optional) Side: USB 3.0 x 2, microphone jack (3.5mm), headphone jack (3.5mm) Optinoal DVB_T TV tuner, PCIe Mini card	
	Core i3-4160	2 / 4	3.6 GHz	3 MB	DDR3-1600				
	Core i5-4460S	4 / 4	2.9 GHz / 3.4 GHz	6 MB	DDR3-1600	Intel HD Graphics 4600	TV tuner	Camera	Some: 1080p HD, 2.0-megapixel, resolution, fixed focus, combo array mic Some: Intel 3D camera with voice recognition, 1080p HD, combo array mic High Definition (HD) Audio, Realtek ALC282-CG / JBL speakers (3 watt x 2), 2.0 channel, Dolby® Home Theater™, dual array microphone Some: USB keyboard, full-size, 6-row, Fn keys, black Some: 2.4G wireless keyboard, full-size, 6-row, Fn keys, black or silver Some: USB optical wheel mouse, black Some: Primax M300 USB gesture mouse, black Some: 2.4G wireless laser wheel mouse, black or silver Optinoal IR remote controller for TV featured model
	Core i5-4460T	4 / 4	1.9 GHz / 2.7 GHz	6 MB	DDR3-1600				
	Core i7-4785T	4 / 8	2.2 GHz / 3.2 GHz	8 MB	DDR3-1600				
Core i7-4790S	4 / 8	3.2 GHz / 4.0 GHz	8 MB	DDR3-1600					
Graphics	Some: Intel HD Graphics or Intel HD Graphics 4400 or 4600 only, integrated in processor Some: NVIDIA® GeForce® 820A, 1GB or 2GB memory, DirectX 11 Some: NVIDIA® GeForce® 840A, 2GB memory, DirectX 11						Audio support		
Chipset	Intel H81 chipset						Keyboard		
Memory	16GB max / PC3-12800 1600MHz DDR3L, non-parity, dual-channel capable, two 204-pin SO-DIMM sockets						Mouse		
Display	23.8" (604.5mm) FHD (1920x1080) color, LED backlight, IPS display, frameless 16:9 aspect ratio, 250 nits, 1000:1 contrast ratio Optional: Projected Capacitive Touch (PCT) technology, supports 10-point touch None Power button, Optical drive eject button, mode switch (PC mode / HDMI-in switch for selected model)						Remote control		
Multi-touch	23.8" (604.5mm) FHD (1920x1080) color, LED backlight, IPS display, frameless 16:9 aspect ratio, 250 nits, 1000:1 contrast ratio Optional: Projected Capacitive Touch (PCT) technology, supports 10-point touch None Power button, Optical drive eject button, mode switch (PC mode / HDMI-in switch for selected model)						Security	Power-on password, hard disk password, supervisor password, security keyhole	
Light sensor							Security chip	None	
Controls							Power supply	Internal150 or 180 watts PSU, 100V-240V	
							Limited warranty	Some: 1-year, limited onsite service / service upgrades available Some: 1-year or 2-year, depot service / service upgrades available	
Disk	Some: SATA 6.0Gb/s, 3.5" wide, 7200 rpm Some: SATA 6.0Gb/s, 3.5" wide, 7200 rpm, Solid State Hybrid drive (SSHD) with 8GB MLC NAND flash memory						Preload	Windows® 8.1 64-bit Preinstalled software includes but not limited to the following: • Lenovo® Rescue System • CyberLink Power DVD • Lenovo Motion Control • Lenovo Education Games • Dolby® Home Theater • McAfee® LiveSafe™ (30-day trial) • Multitouch Games (multitouch models only)	
SATA Controller	Serial ATA, SATA 6.0Gb/s support								
Optical	SATA ODD with DVD±RW, 9.5mm slim tray-in								
PCIe Mini Card	Two PCIe Mini Card slots (1 for Tv Tuner, 1 for WLAN)								
Ethernet	Gigabit Ethernet connection						Environment	RoHS-compliant	
WLAN	Some: 11b/g/n wireless, 1x1, Wi-Fi + Bluetooth 4.0 combo adapter Some: 11ac wireless, 1x1, Wi-Fi + Bluetooth 4.0 combo adapter								
Bluetooth™	Bluetooth 4.0 wireless, integrated in Wi-Fi + Bluetooth combo adapter								
NFC	optional Near Field Communications (NFC)								